

Bryan J. Parada

Software Engineer | Java, Groovy, Python, C++
(562) 447-0276 | bryanparada16@gmail.com | Greater Los Angeles Area

Professional Summary

Software Engineer with experience in data engineering, cybersecurity, and software development. Skilled in designing secure systems, building scalable data pipelines, and cloud providers.

Work Experience

Senior Software Engineer

InvestCloud Inc.

Jan. 2024 - Mar. 2025

- Engineered a compliance roadmap, integrating security checks into software workflows and CI/CD pipelines.
- Configured servers and services in Linux and Windows, ensuring uptime and reliability across environments.
- Reduced storage costs by designing temporary lookup processes, eliminating unnecessary data retention.
- Led the migration of servers from Denver to Tampa, ensuring minimal downtime and smooth transition.
- Coordinated a team of 4 engineers, assigning and tracking development tasks in Jira, ensuring sprint goals.
- Optimized AWS compute nodes for security workloads, reducing processing costs by 20% with auto-scaling.

Software Engineer II

InvestCloud Inc.

Jan. 2022 – Jan. 2024

- Assisted the CTO by providing technical expertise to a high value client and ensuring successful delivery.
- Optimized ETL pipelines to accelerate large dataset processing, reducing load times per 10,000 units by 33%.
- Created automation scripts for routine system tasks(backups, user provisioning, patching) on Jenkins.
- Trained and mentored junior engineers, holding office hours for pair programming and knowledge sharing.
- Tuned SQL queries and database structures to improve query performance.

Software Engineer I

InvestCloud Inc.

Jun. 2021 – Jan. 2022

- Documented onboarding process for MacOS(M-series and Intel), including IDE and Gitlab integration.
- Provided L2 support by troubleshooting production issues to ensure minimal downtime.
- Improved framework performance by implementing SQL server checks to skip records with unchanged data.
- Enhanced data processing pipelines to handle diverse datasets, supporting new client opportunities.

Education

University of California Riverside, Bourns College of Engineering, Riverside, CA
Bachelor of Science, Computer Engineering

Graduated Dec. 2020

Certifications

CompTIA Security+ ce Certificate

Jan. 2025 – Jan. 2028

Google Cybersecurity Certificate, Online Certificate

Jul. 2024 – Aug. 2024

Engineering AI Research Experience

University of California Riverside - Riverside, CA

Image Forensics Research | Python

Sept. 2019 – Jan. 2020

- Trained neural networks on the CASIA 2.0 dataset to improve AI model performance and accuracy.
- Optimized image compression detection algorithms, reducing false positives by 22%.
- Applied Convolutional Neural Networks to improve classification accuracy in images.

Technical Skills

Programming: C/C++, Python, Java, Groovy, Shell Scripting, SQL.

Tools & Platforms: Jenkins, Gitlab, Splunk, TCPDump, Wireshark, LabVIEW, MATLAB, Microsoft Office.

Languages: Fluent in English and Spanish.